

Fig. 1

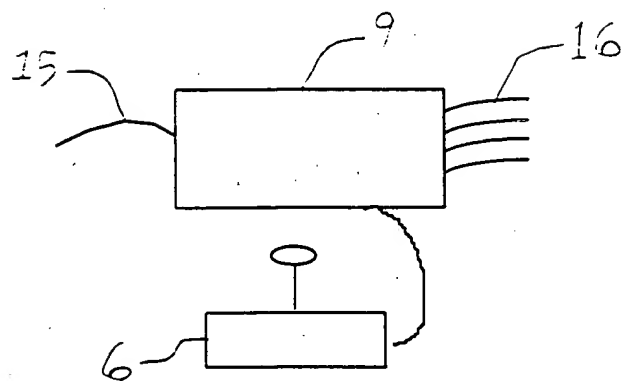
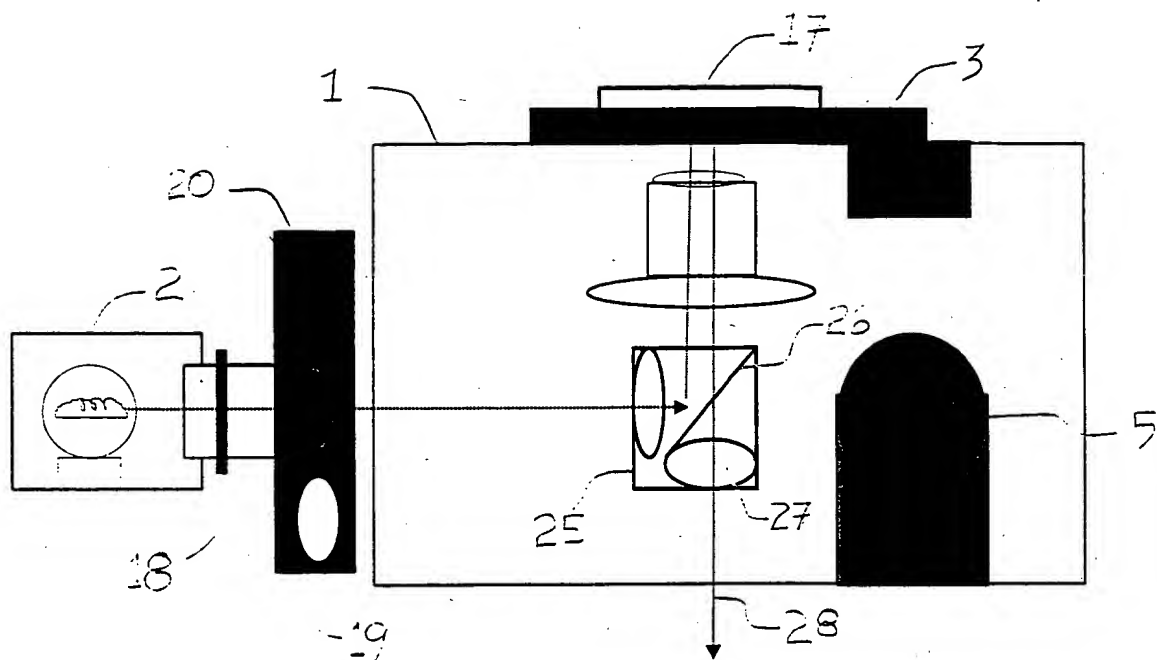


Fig. 2

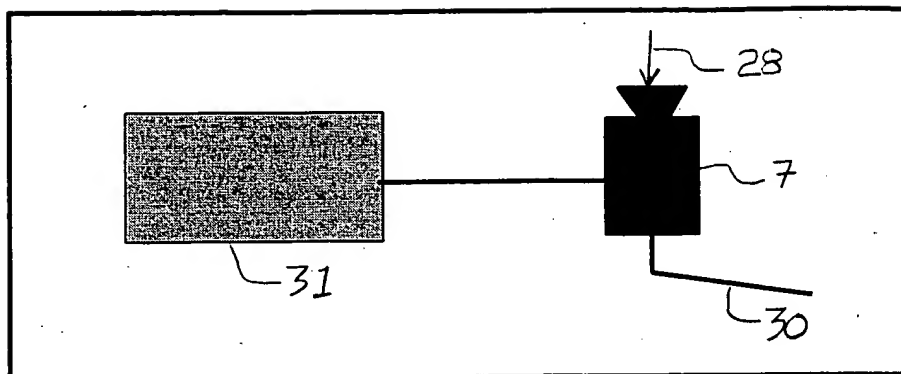


Fig 3

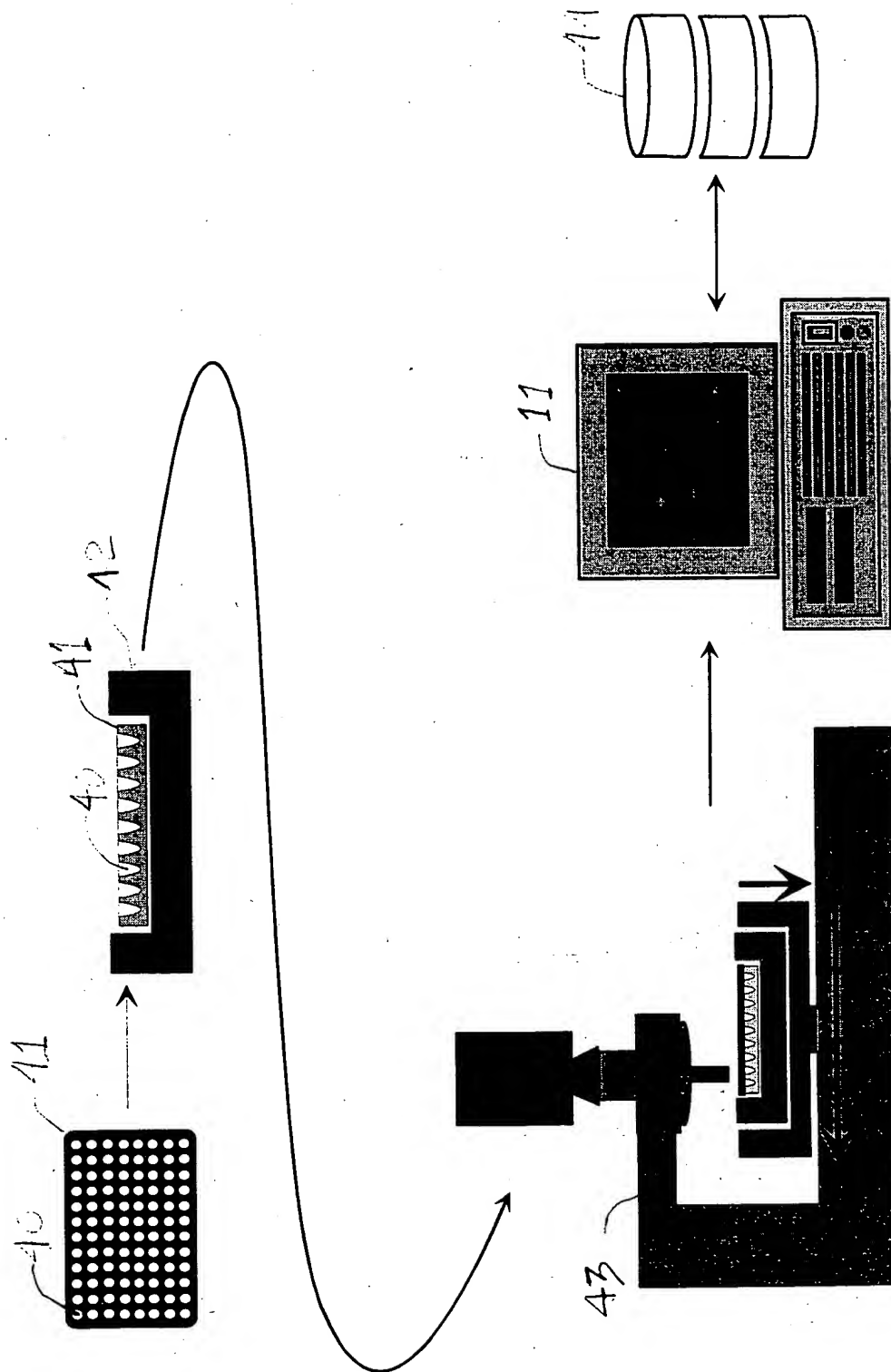


Fig. 4

20250325

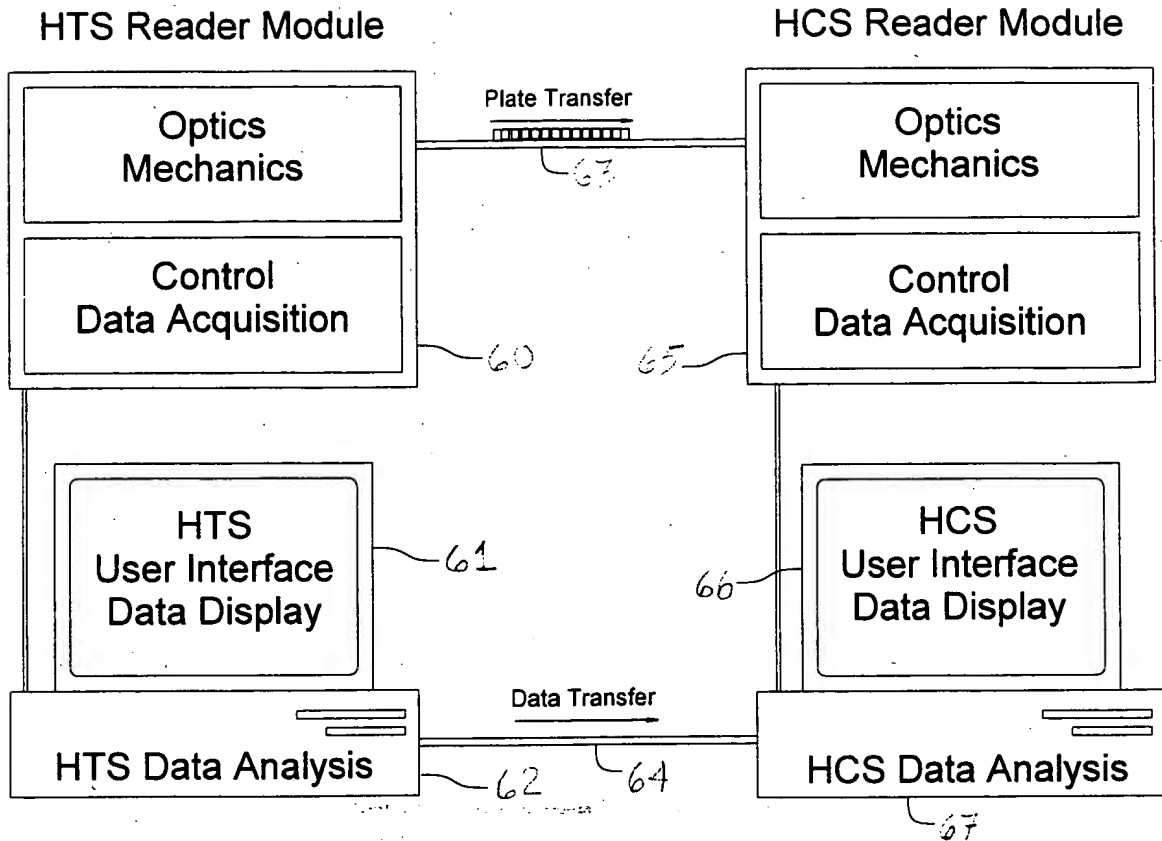


Fig. 6

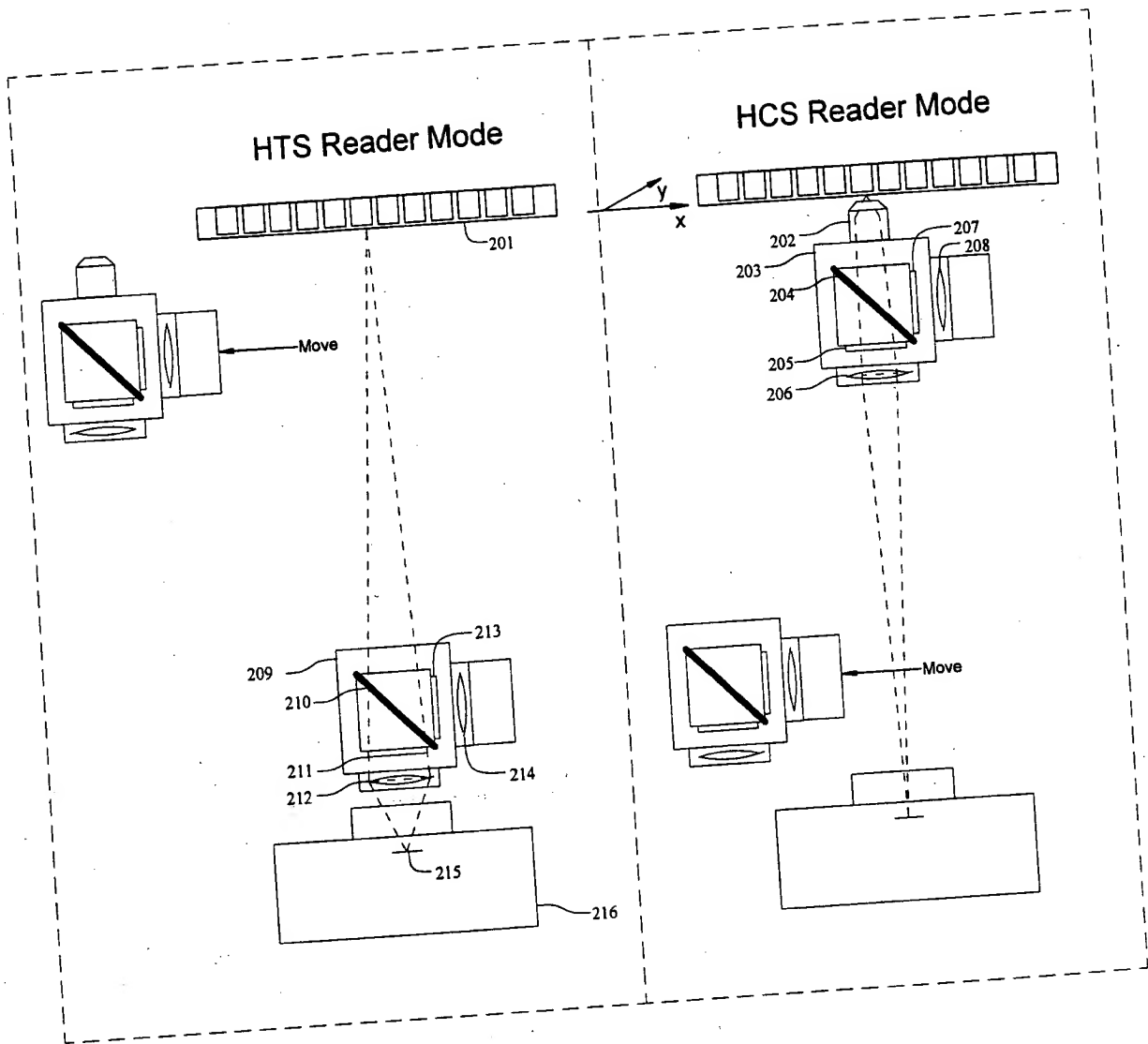


Fig. 7

Fluid Delivery System for Cell Based Screening System

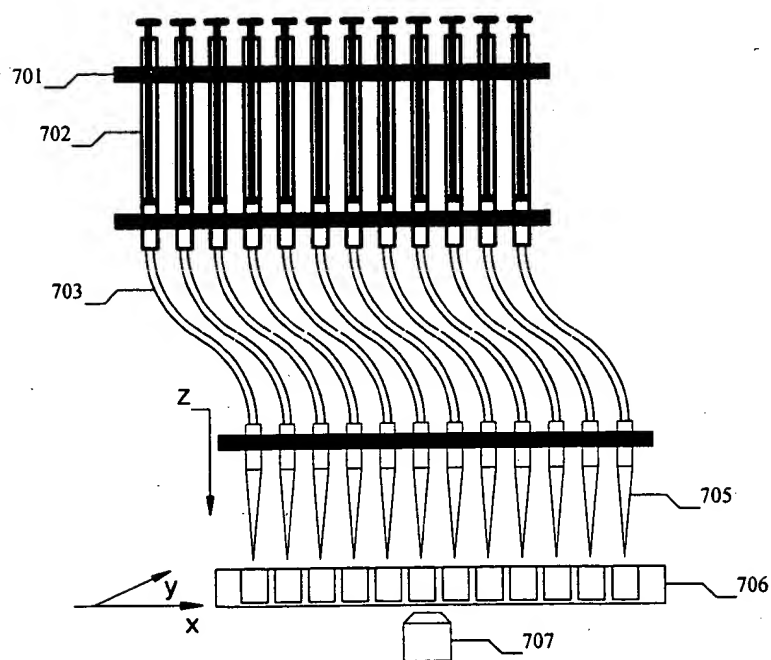
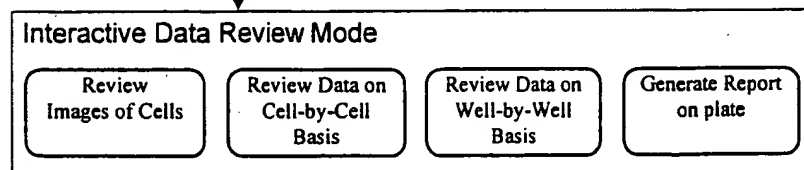
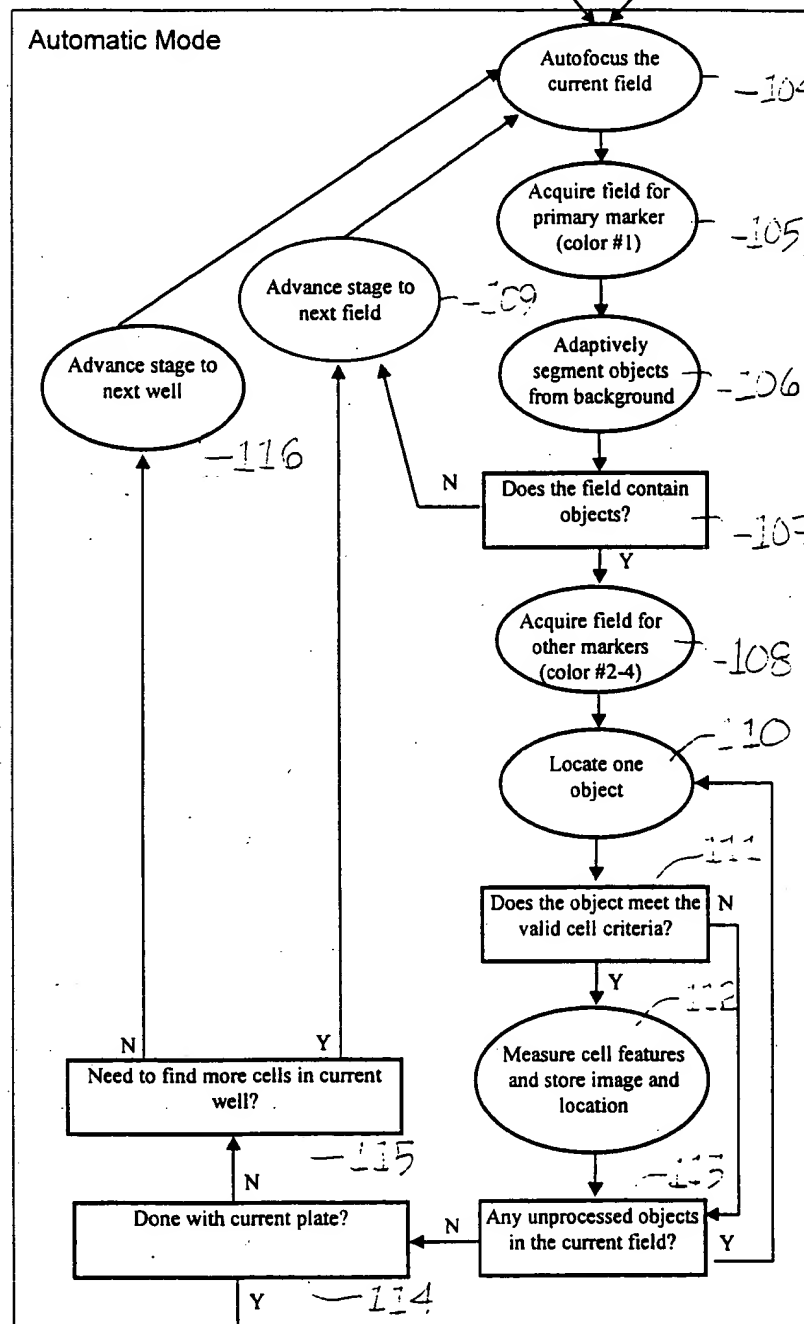
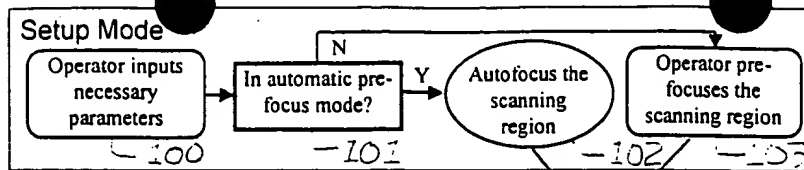


Fig. 8



Symbol key:

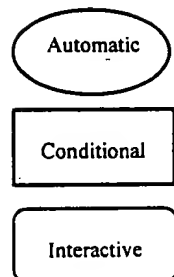


Fig 9

0024 0000 0000 0000

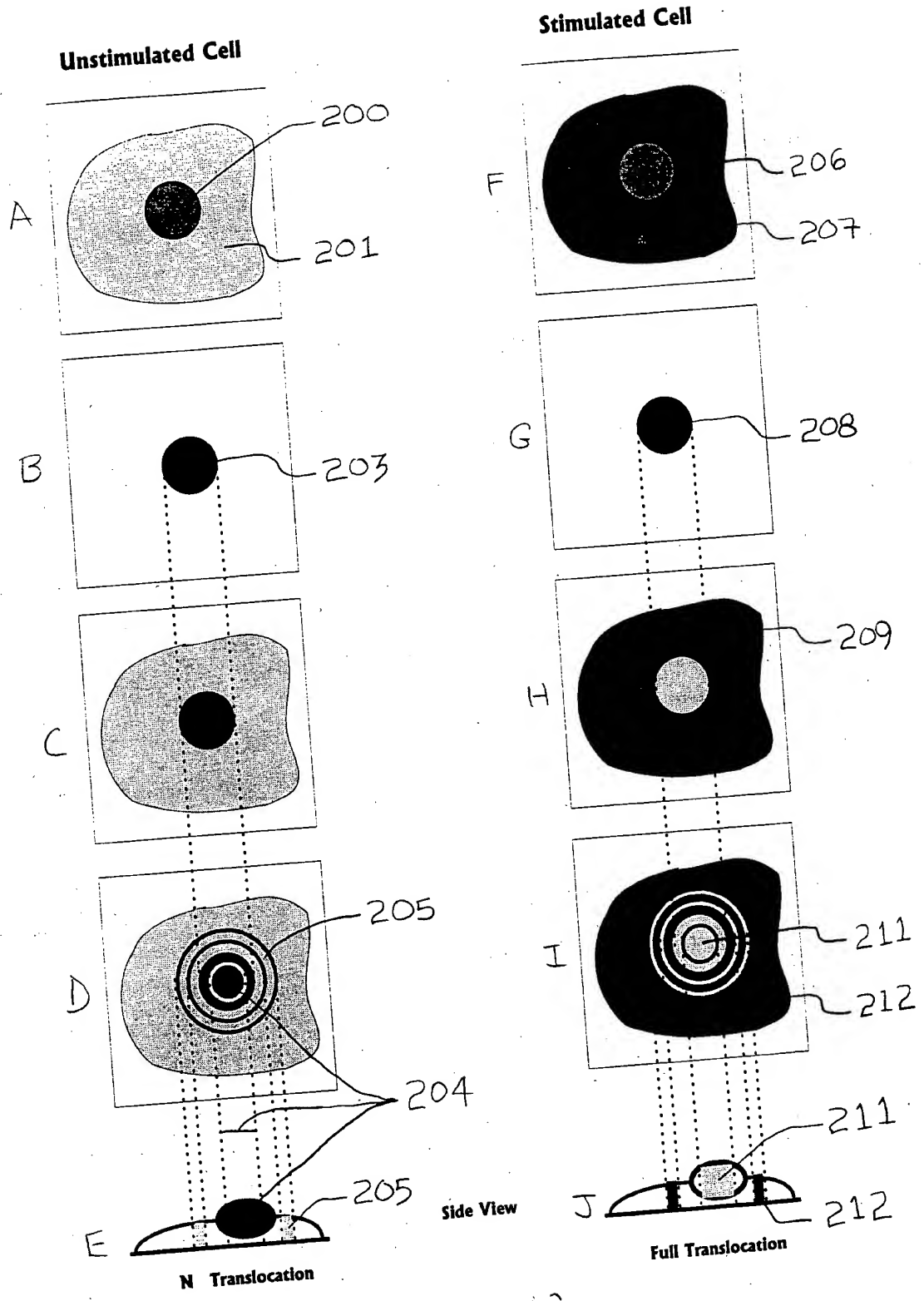
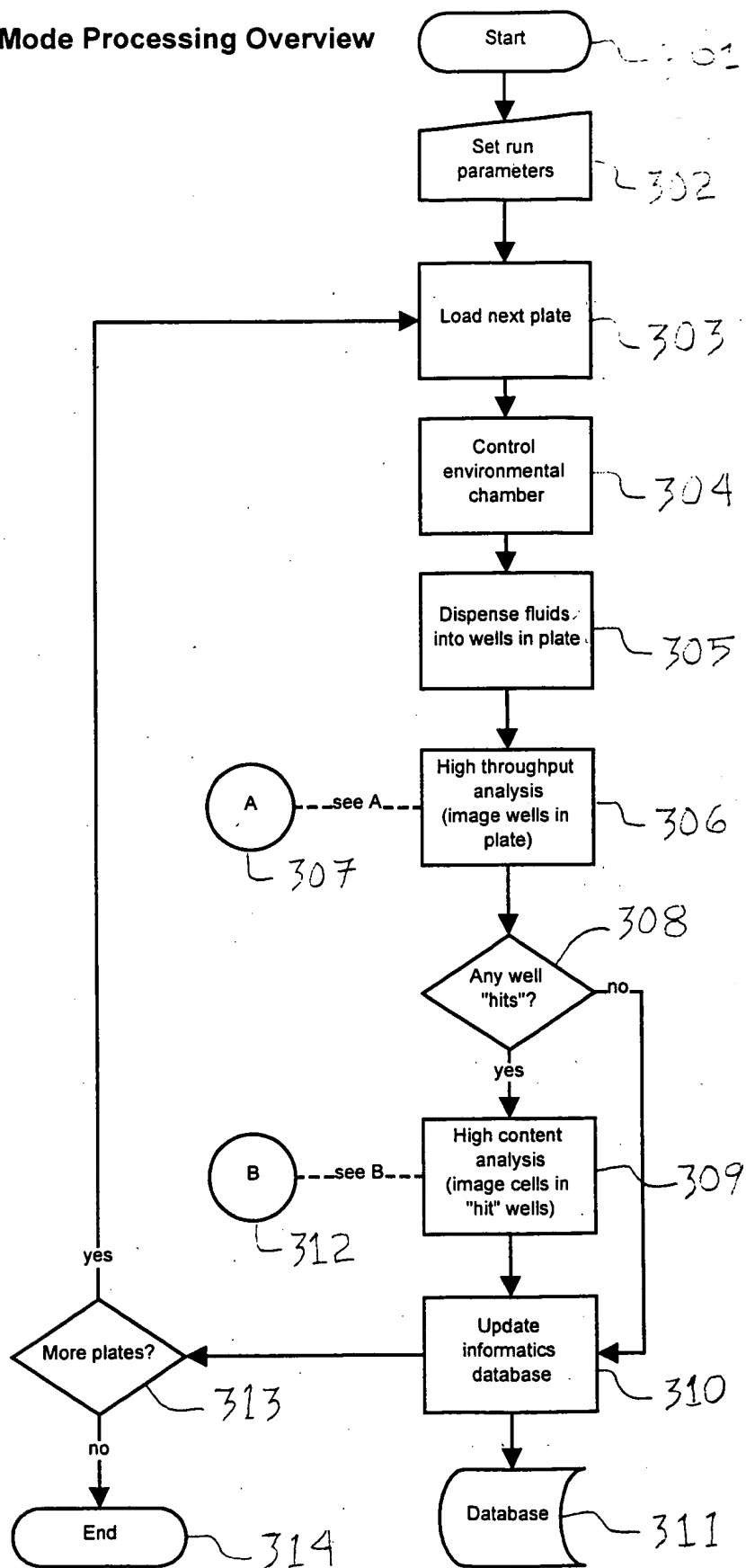


Fig 1C

Dual Mode Processing Overview



Symbol key:

Manual input

Automatic Process

Decision

Connector

Fig. 11

High Throughput Mode

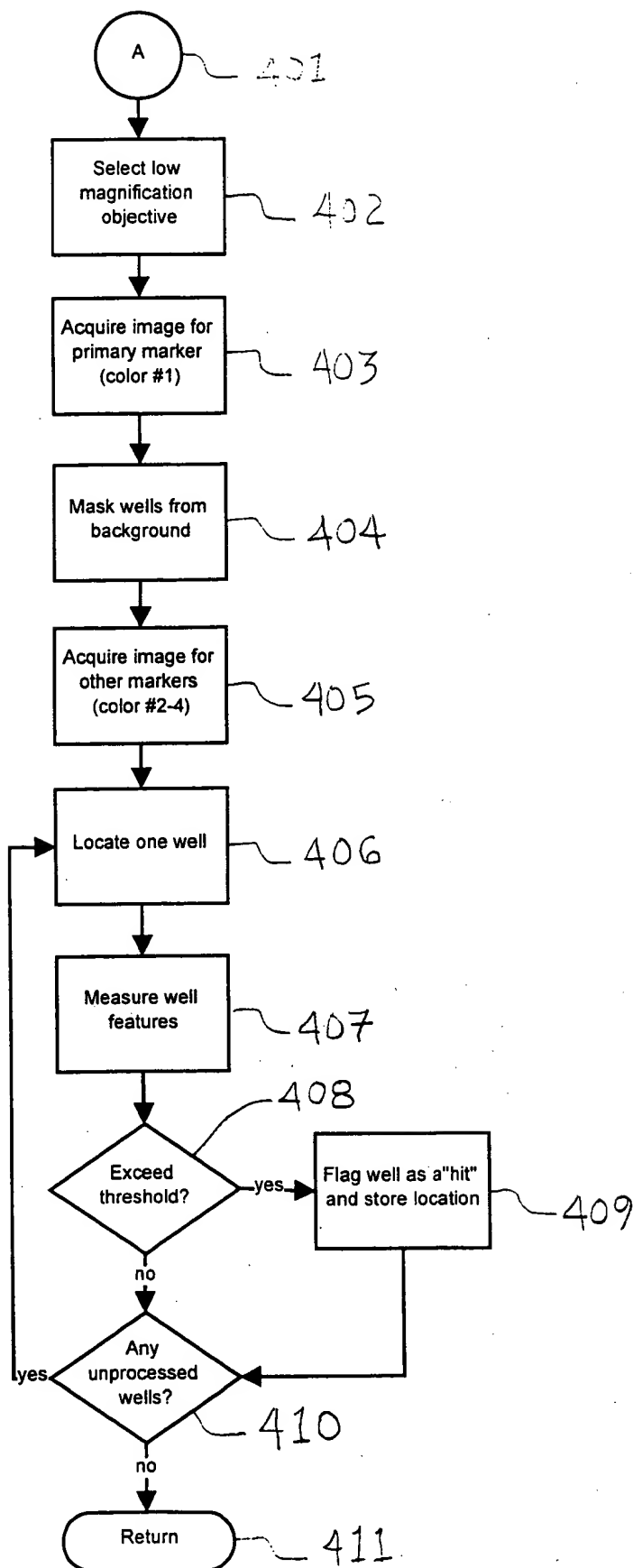


Fig. 10

High Content Mode

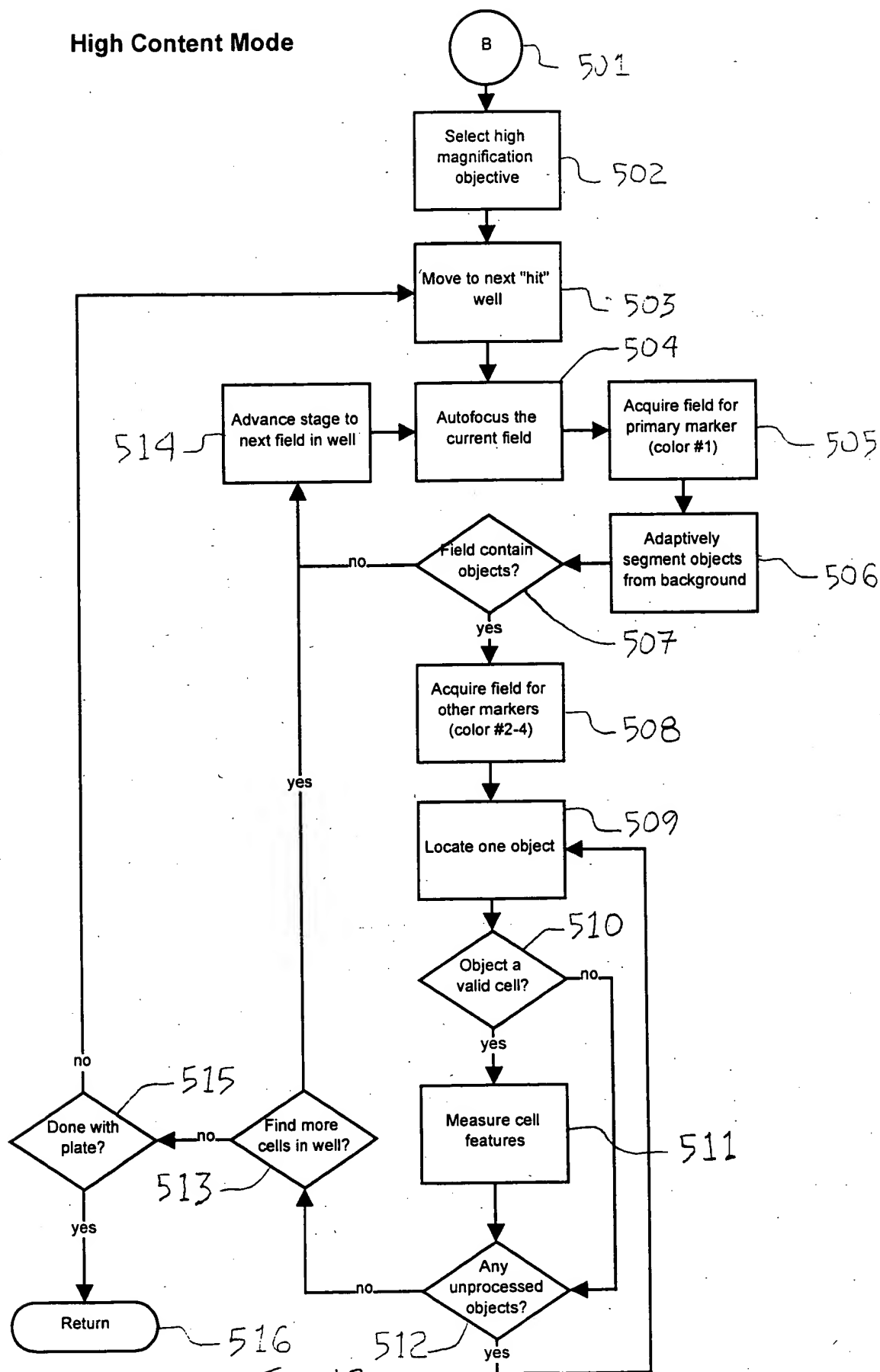


Fig. 13

Kinetic Analysis Mode

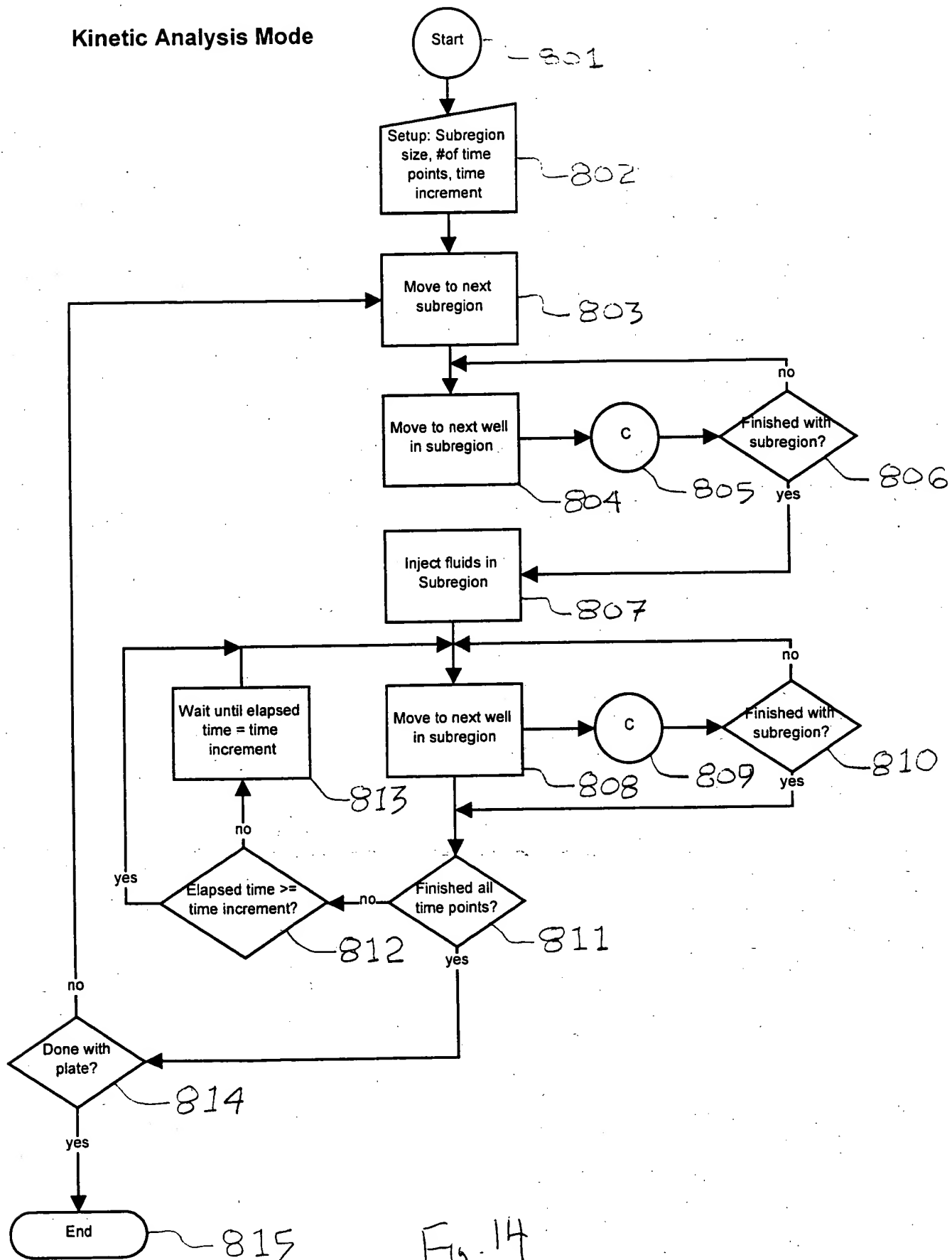


Fig. 14

High Content Acquisition and Analysis within a well

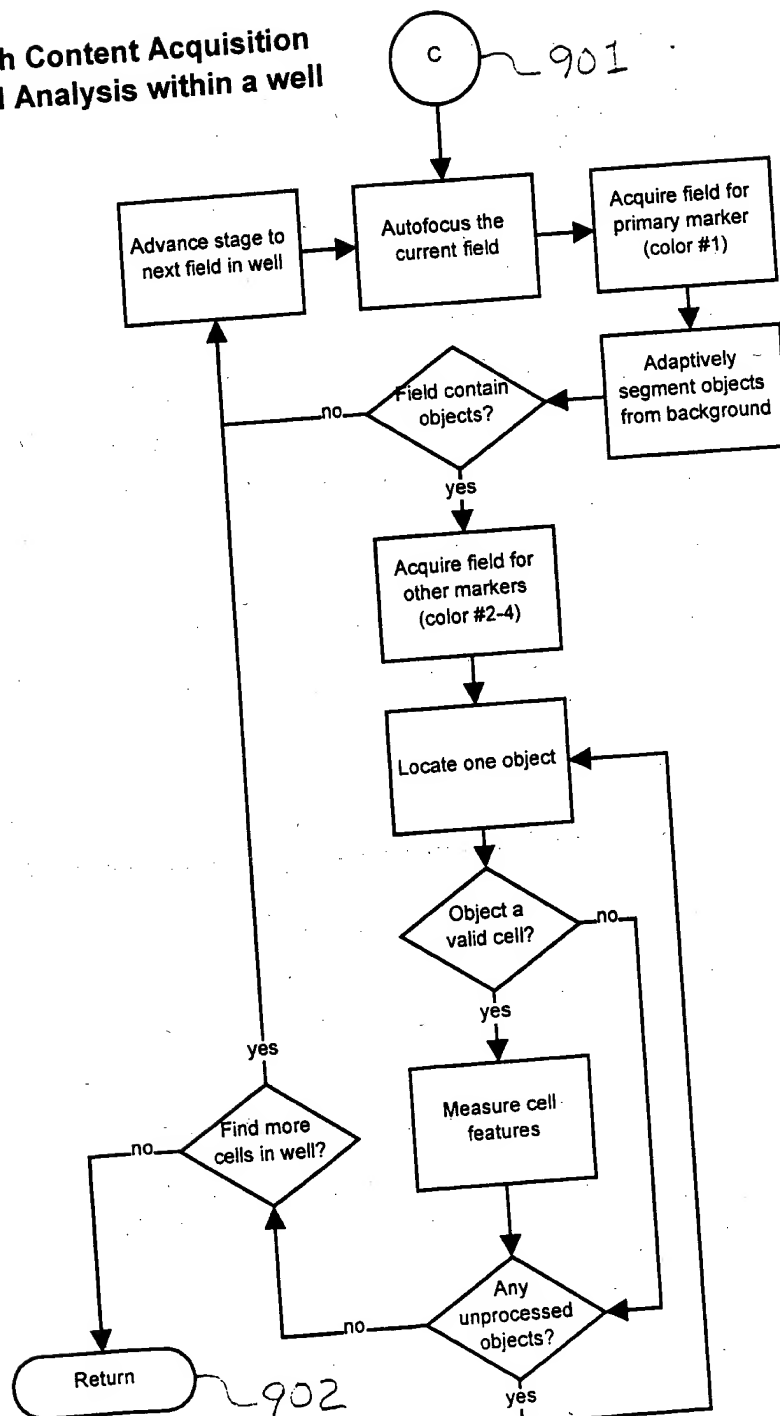


Fig. 15

FIGURE 9

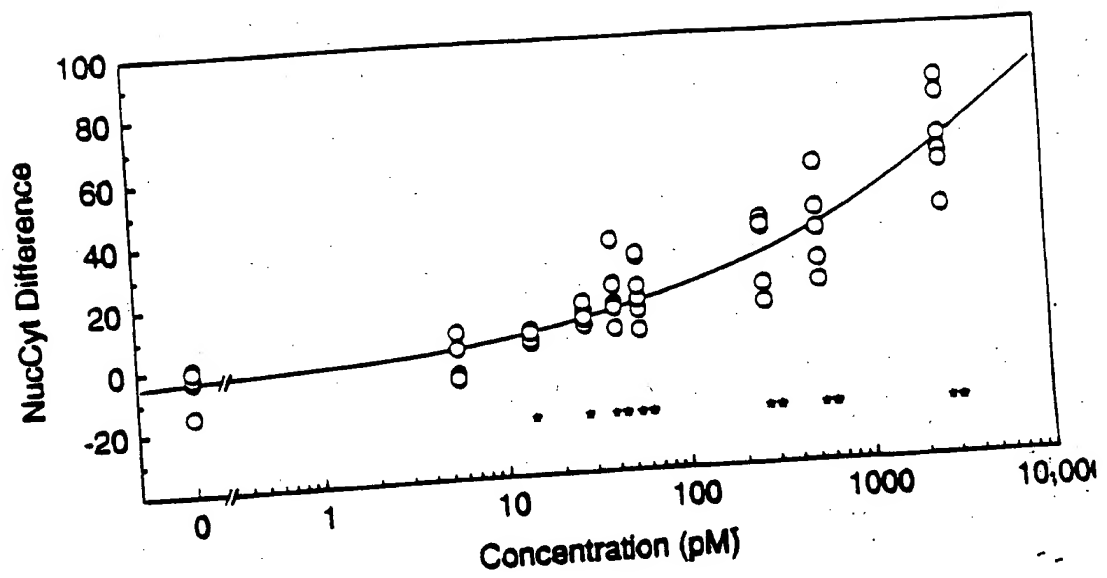


Fig. 16

FIGURE 10

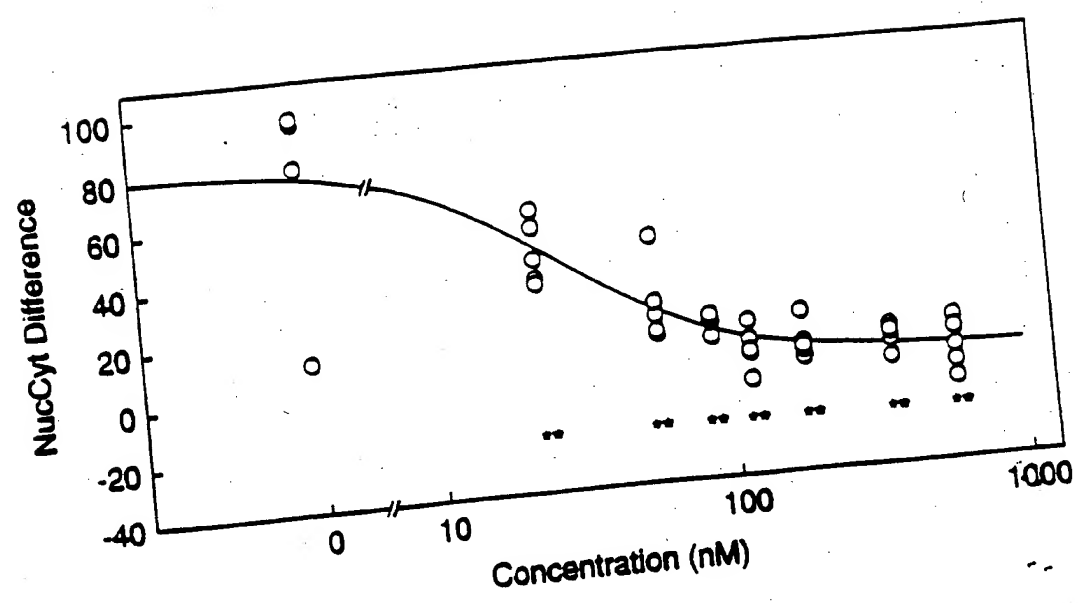


Fig 17

183 180 181 182

ArrayScan - [Data Review Sheet]

File Edit Graphs Print View Options Window

Print Done Cancel

Graph1 Graph2 Graph3

Well #

RFI

Well #

Well #

Cell # 26

Barcode

☐ Exclude

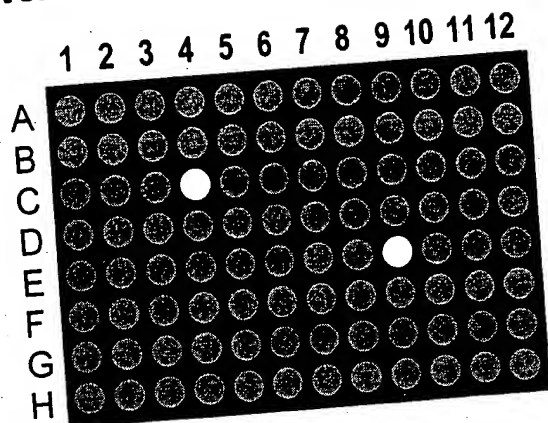
Dapi Nucleoplasm Unbound Unbound

Well	RFI	RFI	RFI	RFI	RFI	RFI	RFI	RFI	RFI	RFI	RFI	RFI	RFI	RFI	RFI	RFI	RFI	RFI
21	A3	1	1	18261	135	143	17383	129	0.72	24592	180	137	-61					
22	A3	1	2	12638	95	133	11817	124	0.87	17464	143	122	-19					
23	A3	1	3	15466	120	129	11236	94	0.67	18262	141	130	-47					
24	A3	1	4	6428	39	139	4952	127	1.03	11183	123	91	4					
25	A3	1	5	5781	40	145	5906	148	1.03	13876	144	95	4					
26	A3	1	6	23220	139	167	21288	153	0.80	26123	192	136	-39					
27	A3	1	7	14241	113	128	12585	111	0.80	17443	138	126	-27					
28	A3	1	8	3903	36	108	2487	69	0.78	8349	83	94	-20					
29	A3	1	9	5806	64	92	6410	100	0.89	8397	112	76	-12					
30	A3	1	10	2767	27	102	3343	124	1.08	9829	115	84	9					
31	A4	1	0	11043	83	133	9514	115	1.05	12817	110	117	5					
32	A4	1	1	5110	47	109	3957	84	0.99	8467	85	99	-1					
33	A4	1	2	8844	89	97	8494	95	0.79	14162	124	117	28					

184 185

Fig. 18

Low Resolution Well Data



Intensity
Analysis

Array of
"Hit" Wells

[C4, E9]

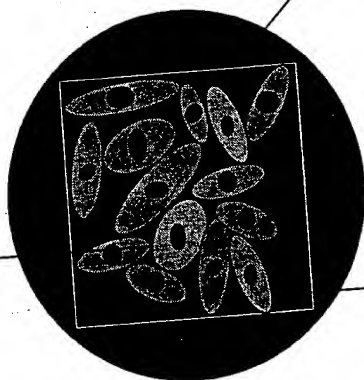
602

601

High Resolution Cell Data

Well
C4

605



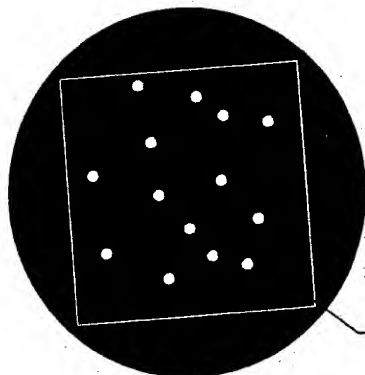
603

Spatial
Analysis

No Translocation

604

Well
E9



606

Spatial
Analysis

Translocation

Fig. 19

00723656 142700

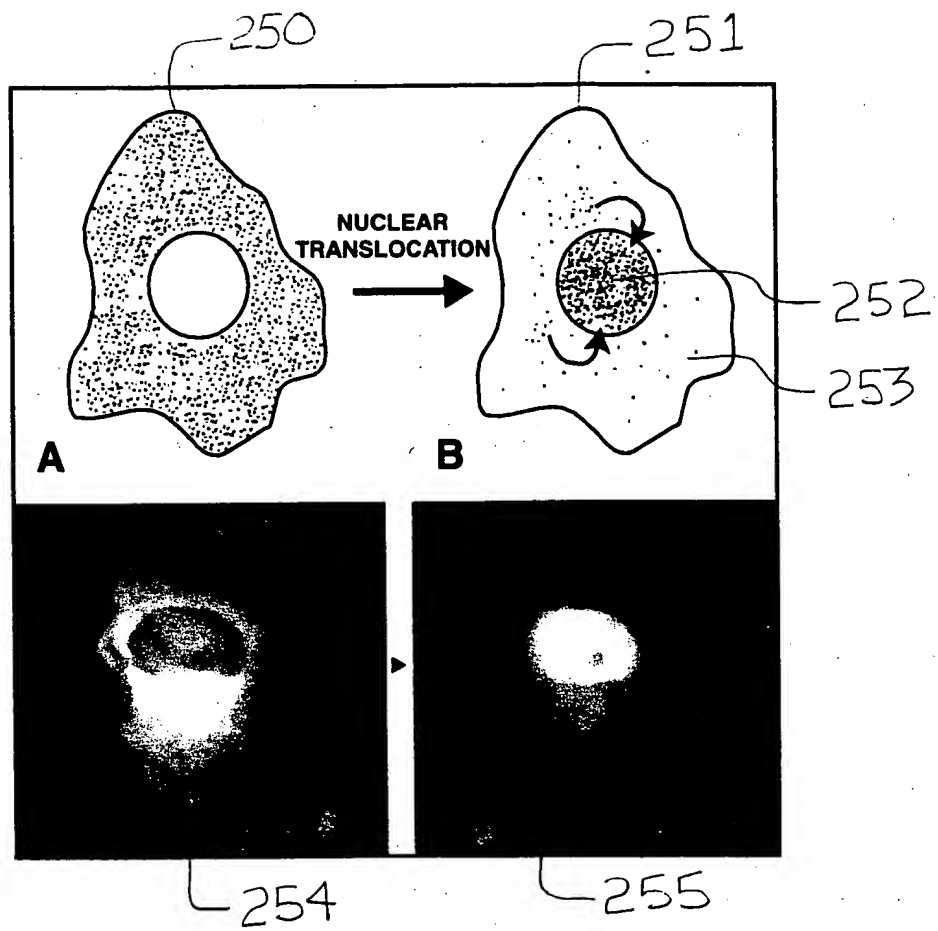


Fig. 20

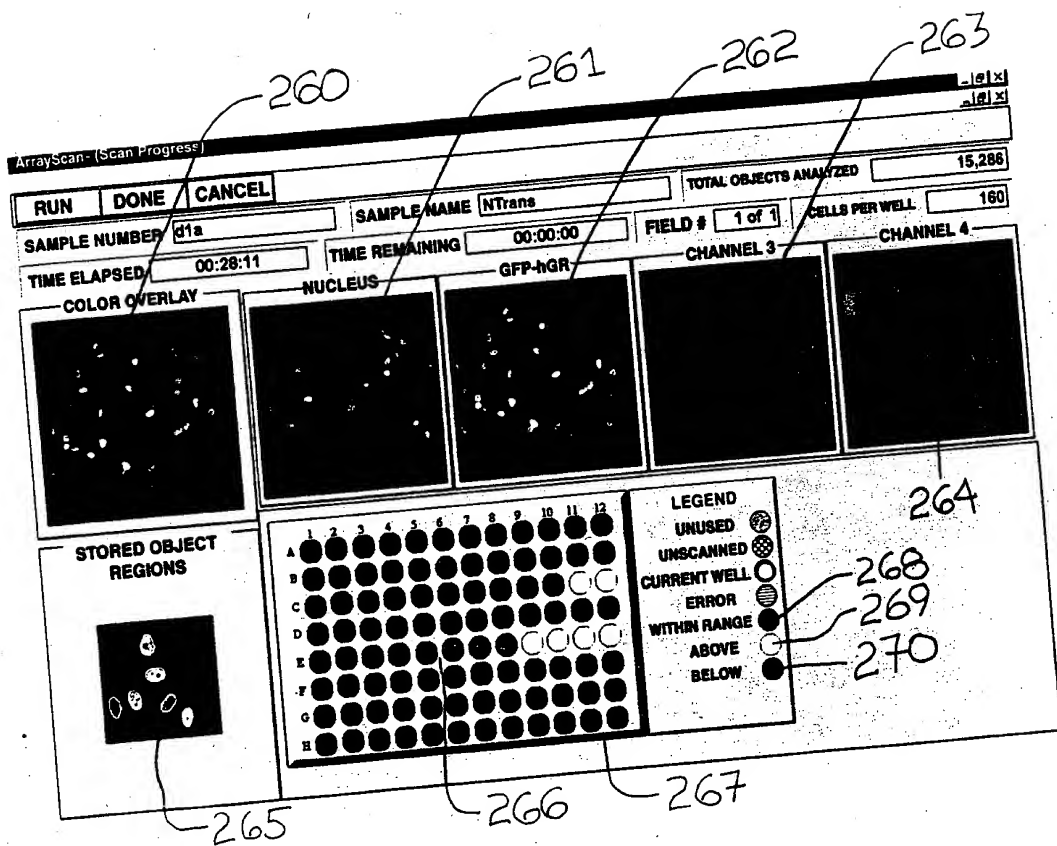


Fig 21

1. *Staphylinidae* (1000) 1000
 2. *Curculionidae* (1000) 1000
 3. *Chrysomelidae* (1000) 1000
 4. *Scarabaeidae* (1000) 1000
 5. *Elmidae* (1000) 1000
 6. *Colletidae* (1000) 1000
 7. *Chrysomelidae* (1000) 1000
 8. *Curculionidae* (1000) 1000
 9. *Staphylinidae* (1000) 1000
 10. *Chrysomelidae* (1000) 1000
 11. *Curculionidae* (1000) 1000
 12. *Staphylinidae* (1000) 1000
 13. *Chrysomelidae* (1000) 1000
 14. *Curculionidae* (1000) 1000
 15. *Staphylinidae* (1000) 1000
 16. *Chrysomelidae* (1000) 1000
 17. *Curculionidae* (1000) 1000
 18. *Staphylinidae* (1000) 1000
 19. *Chrysomelidae* (1000) 1000
 20. *Curculionidae* (1000) 1000
 21. *Staphylinidae* (1000) 1000
 22. *Chrysomelidae* (1000) 1000
 23. *Curculionidae* (1000) 1000
 24. *Staphylinidae* (1000) 1000
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 26. *Curculionidae* (1000) 1000
 27. *Staphylinidae* (1000) 1000
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 93. *Staphylinidae* (1000) 1000
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 95. *Curculionidae* (1000) 1000
 96. *Staphylinidae* (1000) 1000
 97. *Chrysomelidae* (1000) 1000
 98. *Curculionidae* (1000) 1000
 99. *Staphylinidae* (1000) 1000
 100. *Chrysomelidae* (1000) 1000



276

-277

-278

Fig. 22

Relative Response

Transfected Cells

Untransfected Cells

Time (min)

285

286

287

288

289

Fig. 23

2025-09-22 14:00

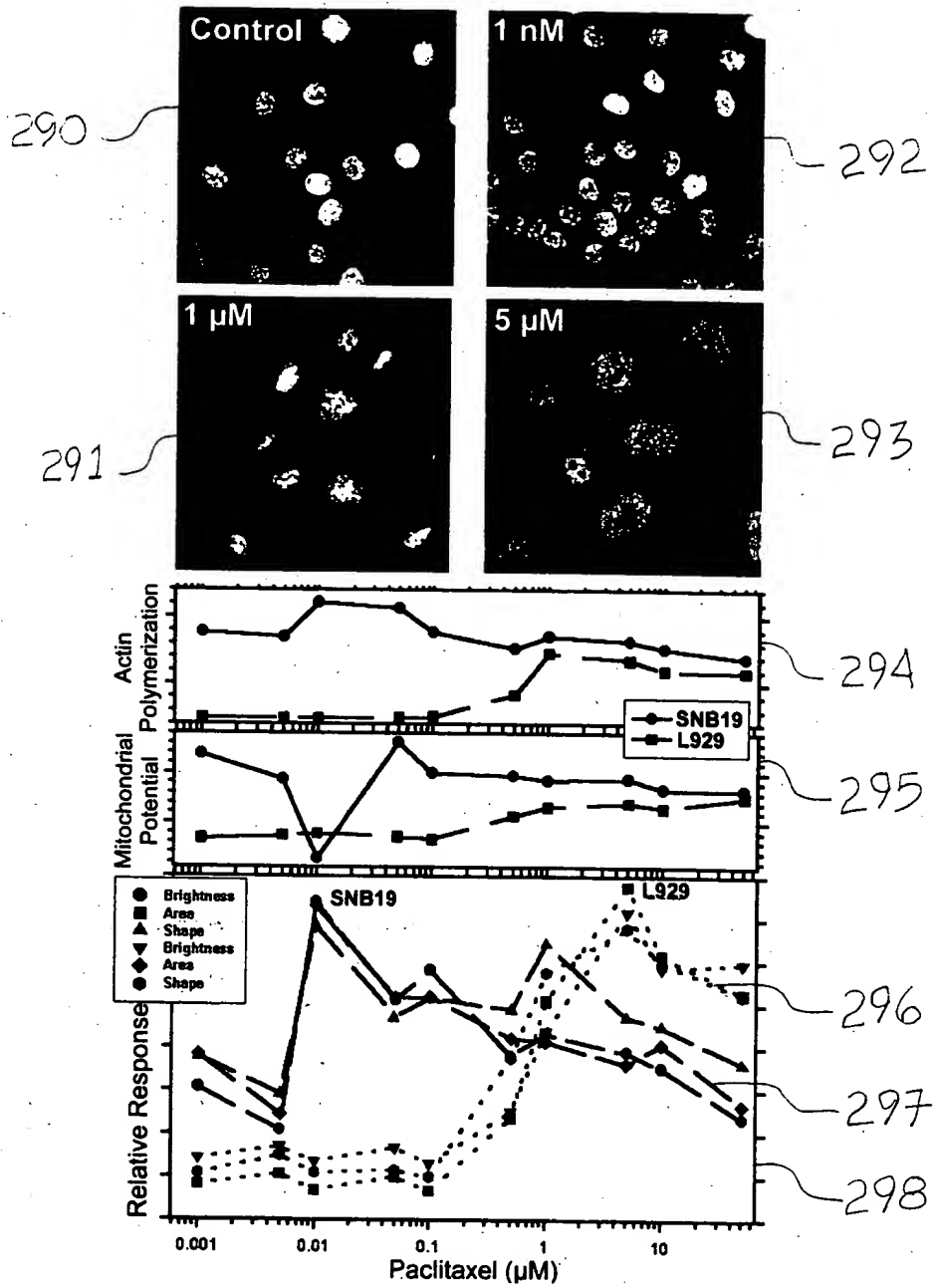


Fig. 24